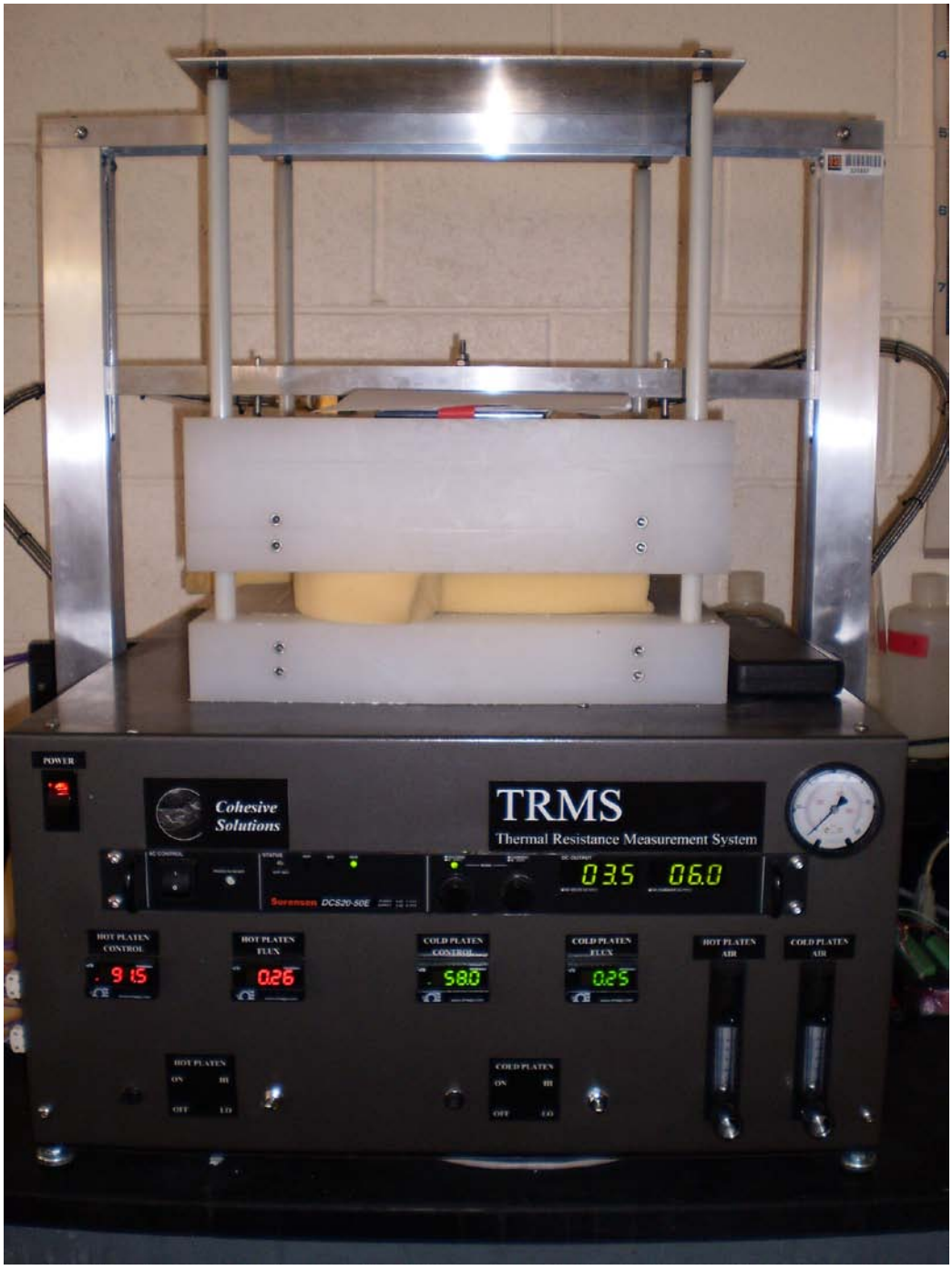
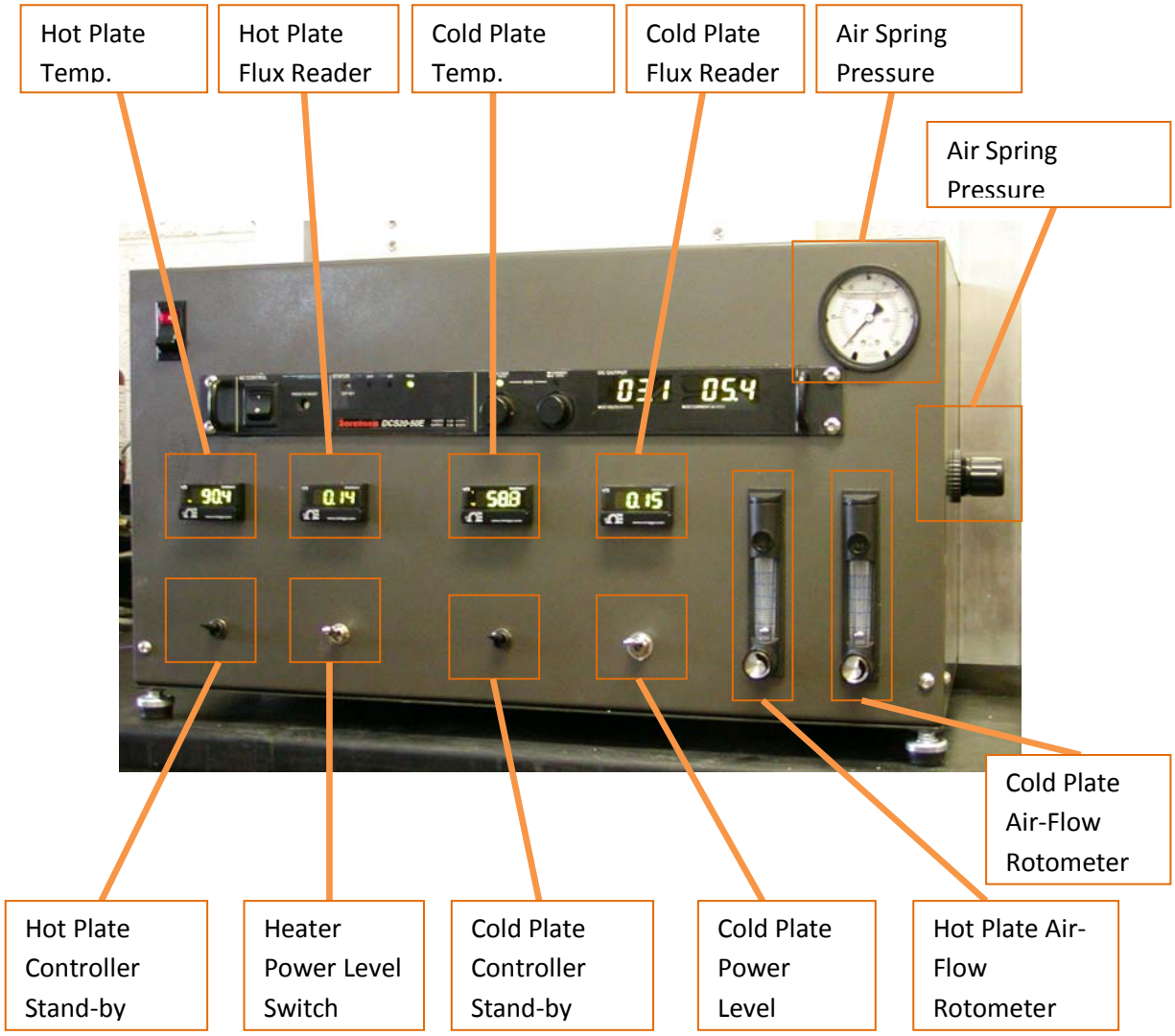
TRMS 5000 USER'S MANUAL



Operator Interface Layout (Controls):

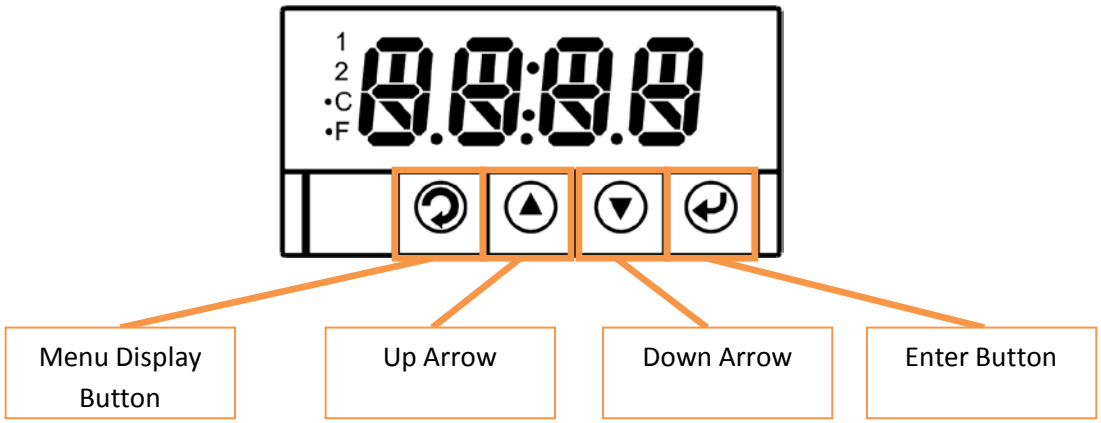


I. Turning the TRMS 5000 on

a. Make sure that all four of the switches below the displays are in the up position (shown on right).

b. Flip the power switch to the on position (shown on left).

II. Adjusting the set points on the hot and cold plates (pictures below)



a. Hot plate set point

- **i.** Remove the button-cover on the hot plate temperature controller.
- **ii.** Press the menu display button until the display reads “SP2” and then press the enter button.
- **iii.** Adjust the set point to desired temperature with the up and down arrow buttons.
- **iv.** Press enter, and then press the menu display button until “Run” is displayed.
- **v.** Flip the hot plate controller stand-by switch into the up position.

b. Cold Plate set point

- **i.** Remove the button-cover on the cold plate temperature controller.
- **ii.** Press menu display button until “SP1” is displayed, and then press the enter button.
- **iii.** Adjust the set point to the desired temperature with the up and down arrow buttons.

iv. Once desired set point temperature is displayed, press the enter button, then press the menu display button until the display reads "RUN."

v. Flip the cold plate controller stand-by switch into the up position.

III. Adjusting the air-flow through the plates (pictures below)

a. Hot-Plate air flow

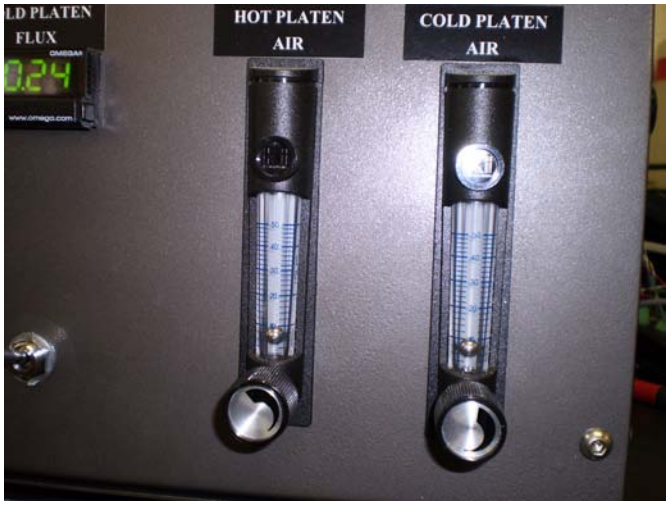
i. Use the left rotometer to control the air flow through the hot-plate.

ii. Make sure that the bottom of the ball is at four LPM (Liters per minute).

b. Cold plate air flow

i. Use the right rotometer to control the air flow on the cold-plate.

ii. Make sure that the bottom of the ball is at four LPM (Liters per minute).



IV. Turning the TRMS 5000 off

a. Make sure that all four of the switches below the displays are in the down position, and that the rotometers read zero.

b. Flip the power switch in order to turn the apparatus off.